

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005165.D
 Acq On : 02 Apr 2021 18:27
 Operator : CG/JU
 Sample : M1836-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B5-8-10

Quant Time: Apr 02 23:30:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

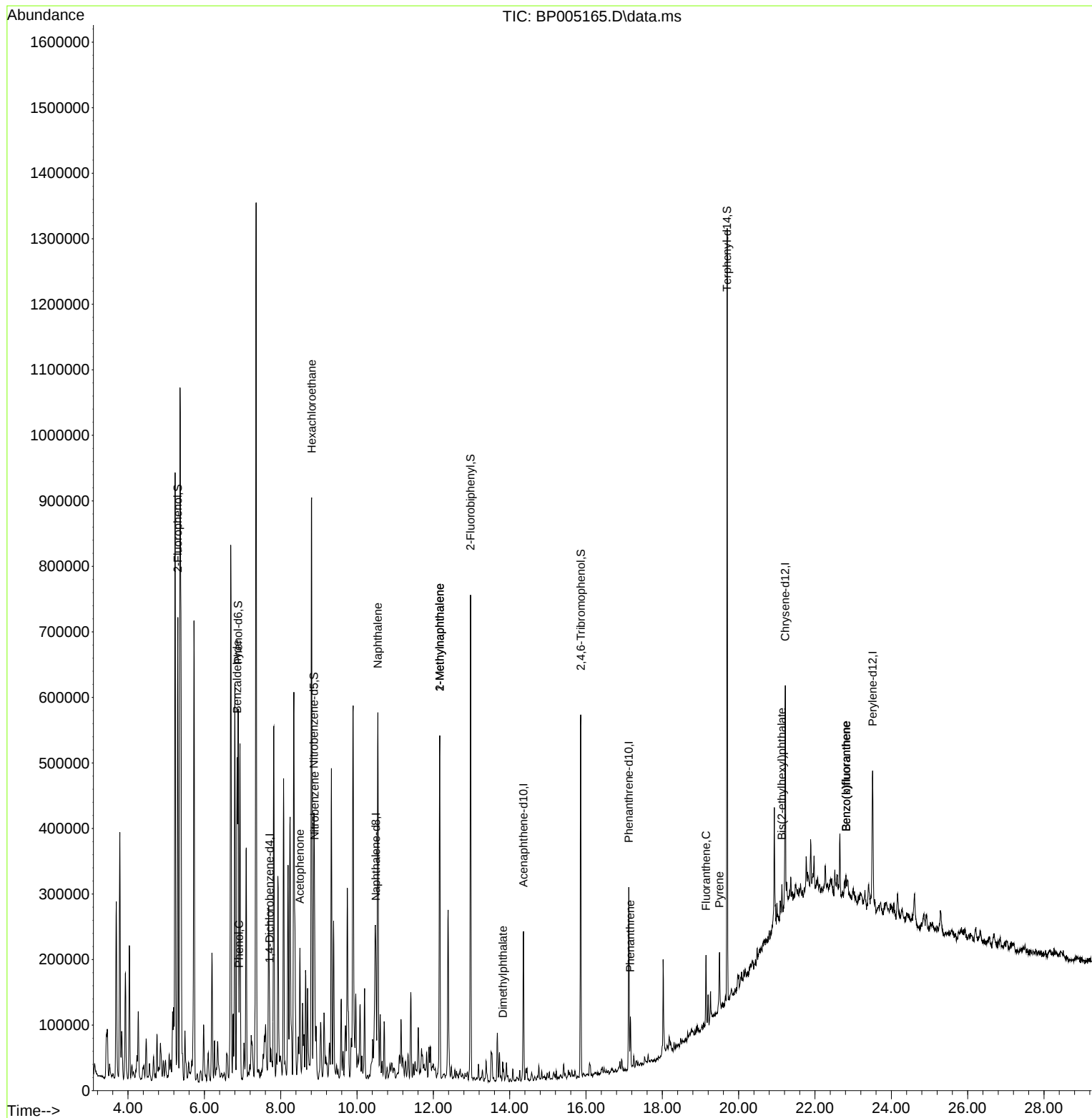
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	31056	20.00	ng	0.00
21) Naphthalene-d8	10.492	136	122783	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	77158	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	150143	20.00	ng	# 0.00
76) Chrysene-d12	21.221	240	143570	20.00	ng	0.00
86) Perylene-d12	23.509	264	148928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	234060	115.98	ng	0.00
7) Phenol-d6	6.887	99	310739	107.50	ng	0.00
23) Nitrobenzene-d5	8.869	82	198180	69.25	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	94320	93.82	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	361405	63.36	ng	0.00
79) Terphenyl-d14	19.698	244	493243	62.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.857	77	29298	19.90	ng	# 1
10) Phenol	6.910	94	7896	2.67	ng	# 57
18) Hexachloroethane	8.810	117	74477	81.40	ng	# 1
22) Acetophenone	8.504	105	128809	36.49	ng	# 61
24) Nitrobenzene	8.887	77	10396	3.45	ng	# 1
31) Naphthalene	10.545	128	317297	45.75	ng	98
37) 2-Methylnaphthalene	12.169	142	238726	47.67	ng	96
38) 1-Methylnaphthalene	12.169	142	238726	50.85	ng	94
50) Dimethylphthalate	13.822	163	15701	2.64	ng	# 98
71) Phenanthrene	17.163	178	45813	5.26	ng	98
75) Fluoranthene	19.145	202	52576	5.13	ng	98
78) Pyrene	19.498	202	50964	5.17	ng	96
84) Bis(2-ethylhexyl)phtha...	21.133	149	10992	2.05	ng	# 92
88) Benzo(b)fluoranthene	22.815	252	24846	2.35	ng	# 48
89) Benzo(k)fluoranthene	22.815	252	24846	2.45	ng	# 49

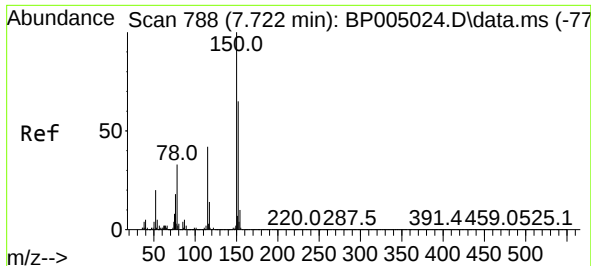
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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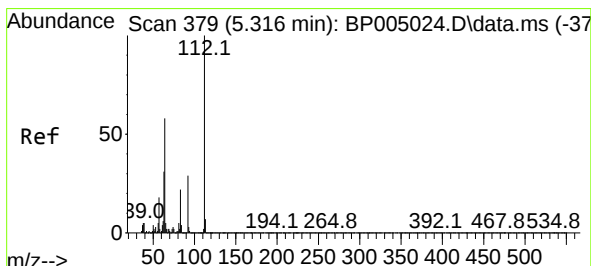
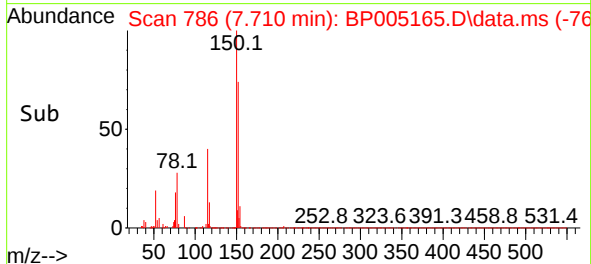
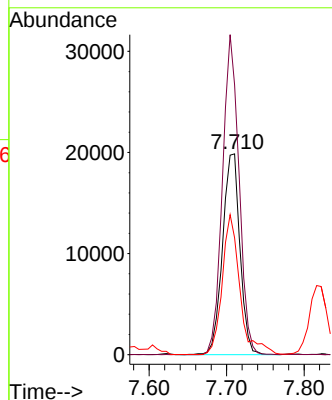
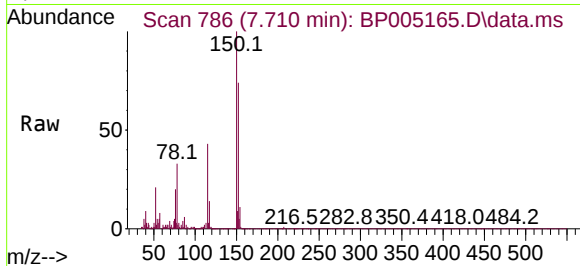




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.710 min Scan# 786
Delta R.T. 0.005 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

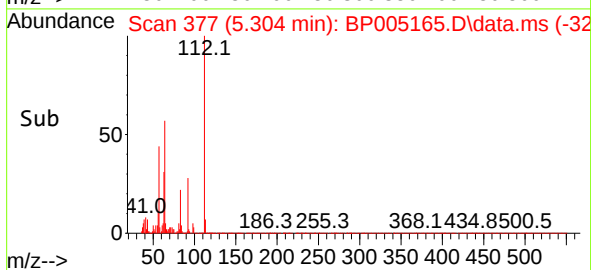
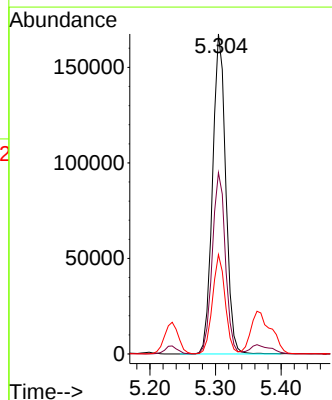
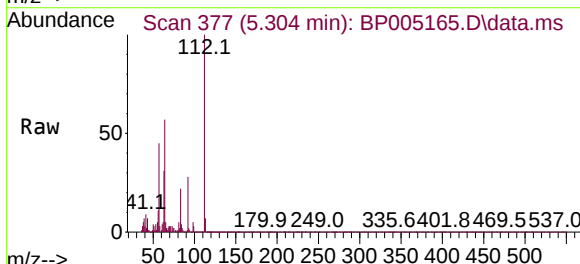
Instrument :
BNA_P
ClientSampled :
B5-8-10

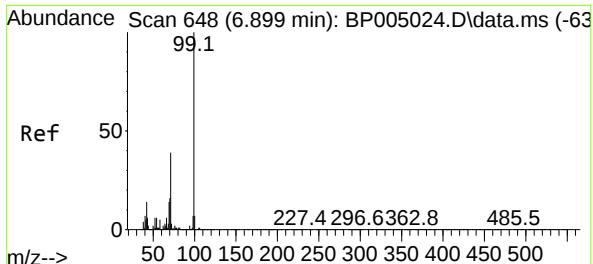
Tgt Ion:152 Resp: 31056
Ion Ratio Lower Upper
152 100
150 134.4 123.8 185.6
115 58.2 43.8 65.6



#5
2-Fluorophenol
Concen: 115.98 ng
RT: 5.304 min Scan# 377
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion:112 Resp: 234060
Ion Ratio Lower Upper
112 100
64 56.6 32.8 49.2#
63 31.0 17.0 25.4#

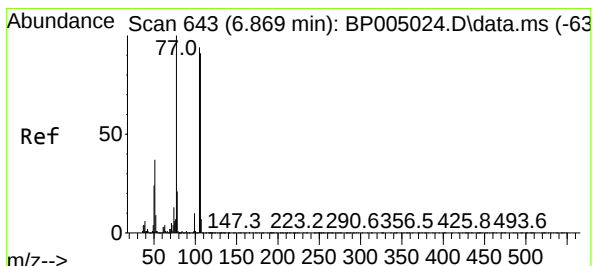
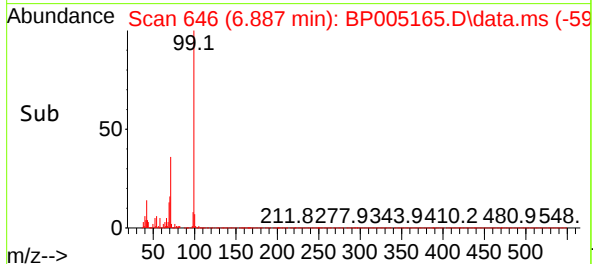
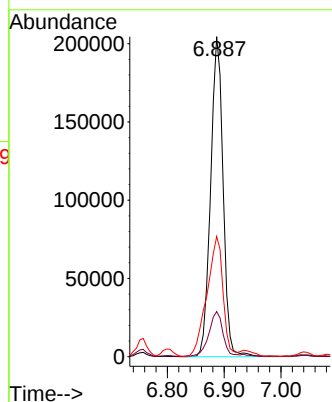
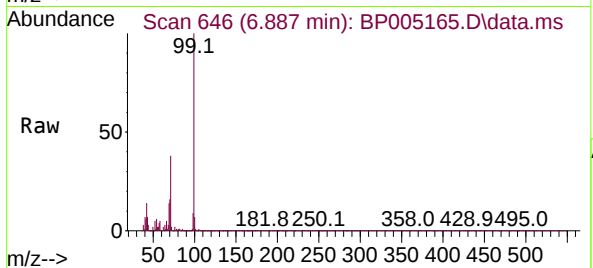




#7
Phenol-d6
Concen: 107.50 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

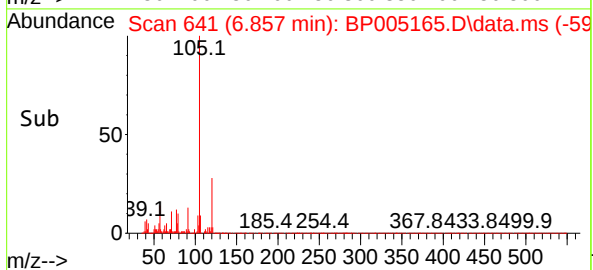
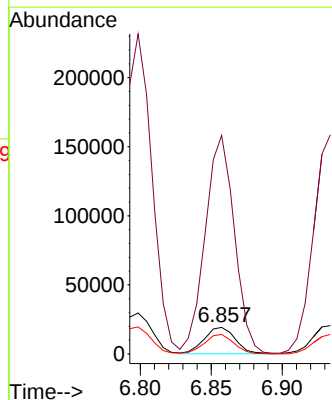
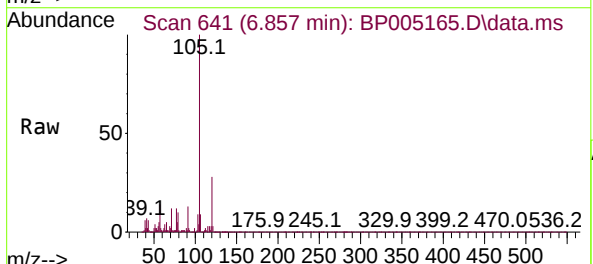
Instrument :
BNA_P
ClientSampleId :
B5-8-10

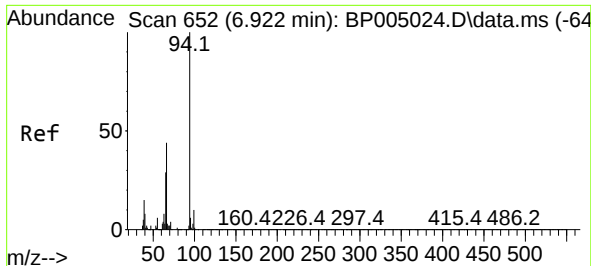
Tgt Ion: 99 Resp: 310739
Ion Ratio Lower Upper
99 100
42 14.1 8.6 13.0#
71 37.5 23.4 35.2#



#9
Benzaldehyde
Concen: 19.90 ng
RT: 6.857 min Scan# 641
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion: 77 Resp: 29298
Ion Ratio Lower Upper
77 100
105 821.6 97.1 137.1#
106 73.4 93.7 133.7#

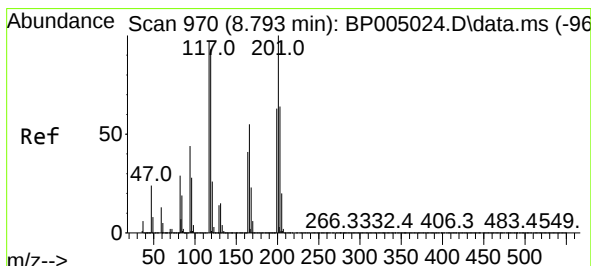
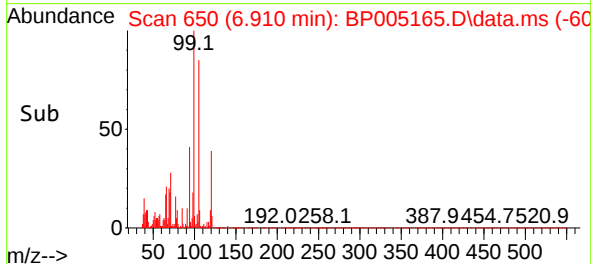
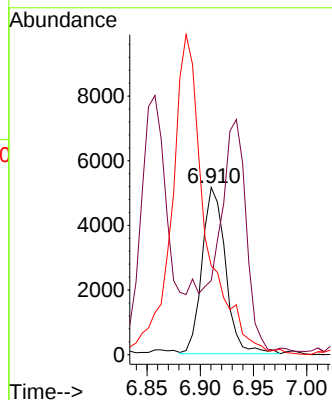
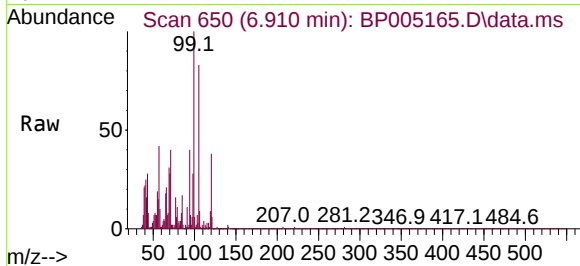




#10
Phenol
Concen: 2.67 ng
RT: 6.910 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

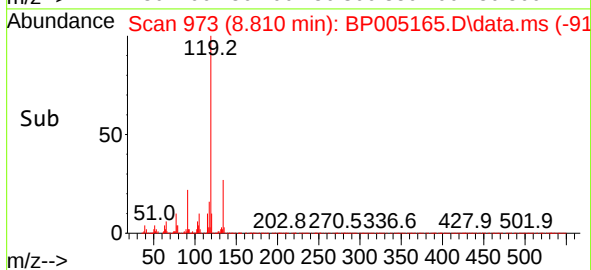
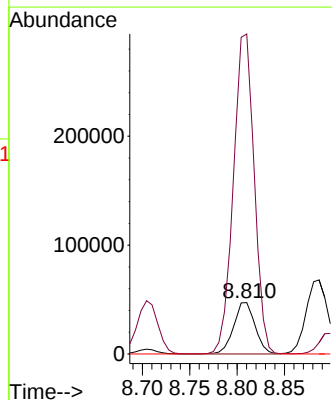
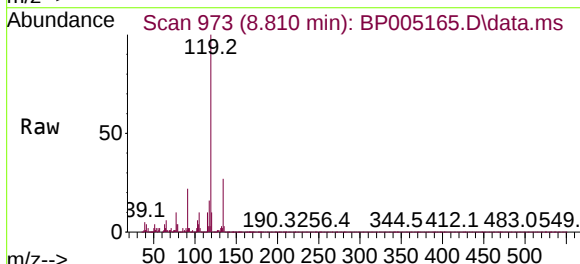
Instrument :
BNA_P
ClientSampleId :
B5-8-10

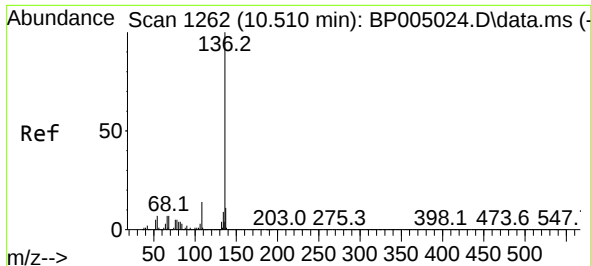
Tgt Ion: 94 Resp: 7896
Ion Ratio Lower Upper
94 100
65 44.3 2.3 42.3#
66 53.1 10.9 50.9#



#18
Hexachloroethane
Concen: 81.40 ng
RT: 8.810 min Scan# 973
Delta R.T. 0.035 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion: 117 Resp: 74477
Ion Ratio Lower Upper
117 100
119 623.2 78.8 118.2#
201 0.0 92.3 138.5#

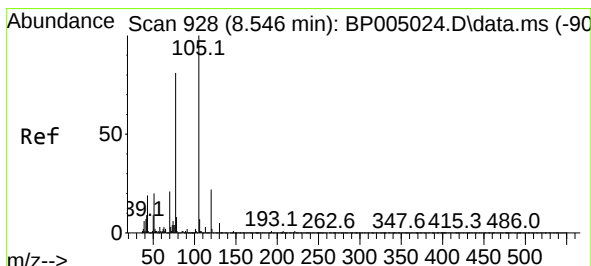
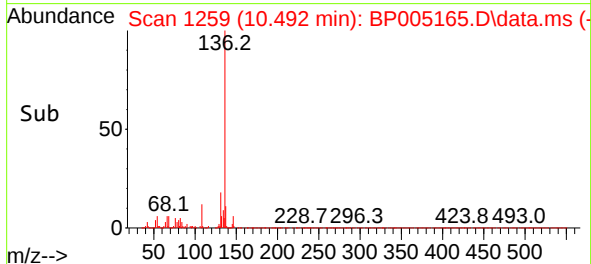
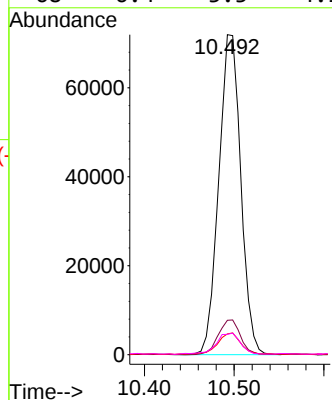
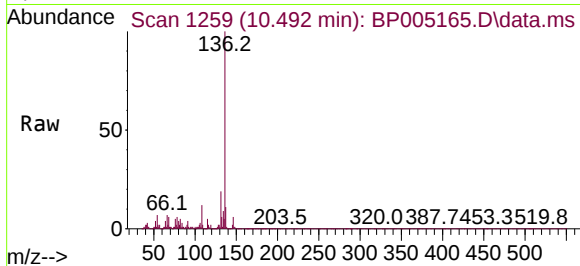




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

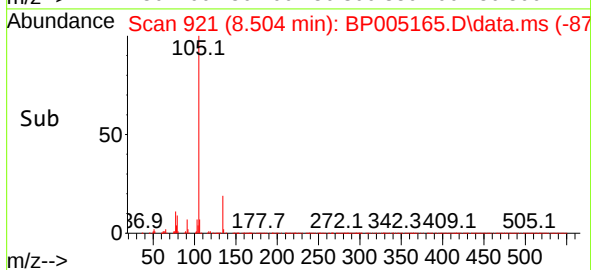
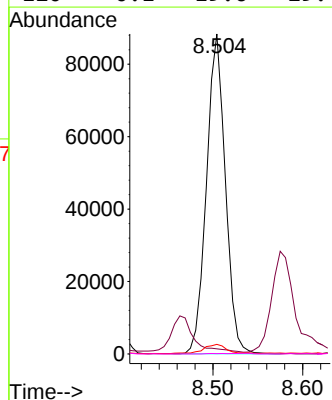
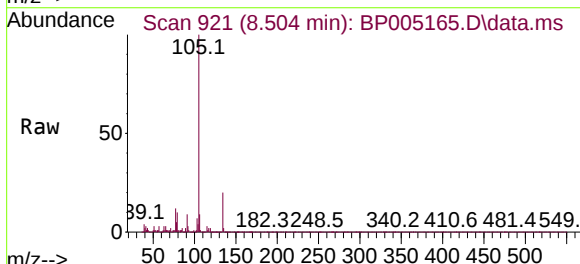
Instrument :
BNA_P
ClientSampleId :
B5-8-10

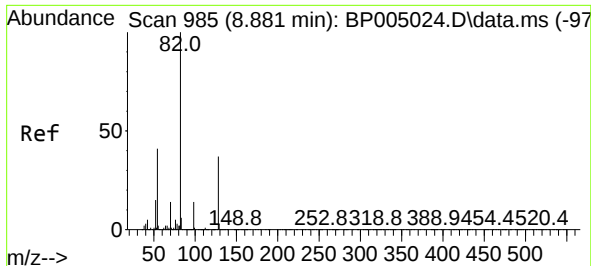
Tgt Ion:136	Resp: 122783
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 6.5	3.6 5.4#
68 6.4	3.3 4.9#



#22
Acetophenone
Concen: 36.49 ng
RT: 8.504 min Scan# 921
Delta R.T. -0.030 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion:105	Resp: 128809
Ion Ratio	Lower Upper
105 100	
71 1.6	2.6 3.8#
51 3.0	13.5 20.3#
120 0.1	19.6 29.4#

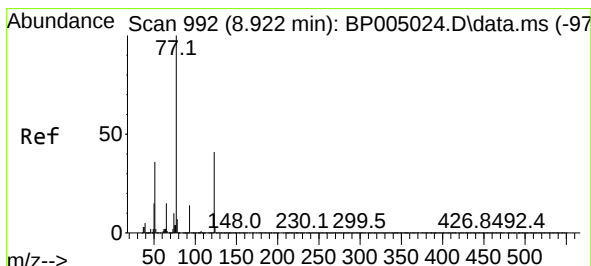
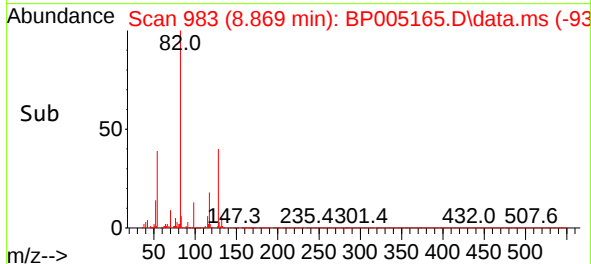
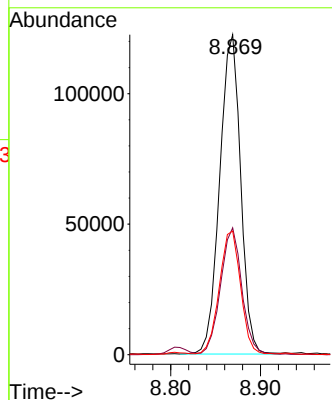
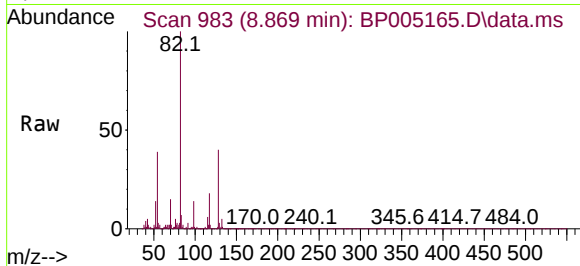




#23
Nitrobenzene-d5
Concen: 69.25 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

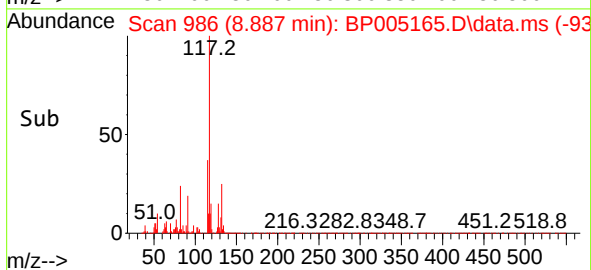
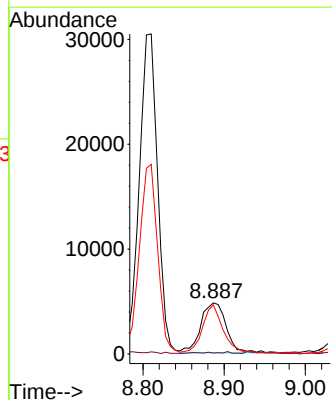
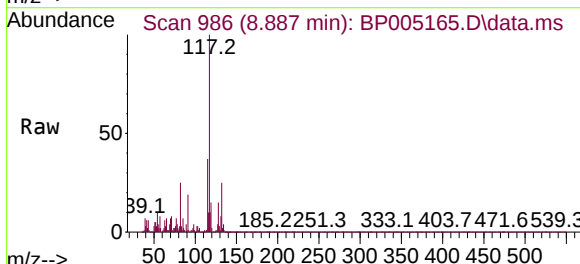
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BNA_P
ClientSampleId :
B5-8-10

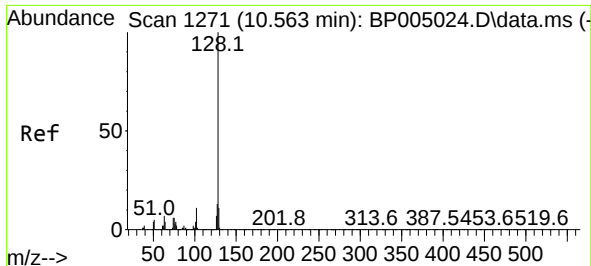
Tgt Ion: 82 Resp: 198180
Ion Ratio Lower Upper
82 100
128 39.6 45.6 68.4#
54 38.6 30.1 45.1



#24
Nitrobenzene
Concen: 3.45 ng
RT: 8.887 min Scan# 986
Delta R.T. -0.024 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion: 77 Resp: 10396
Ion Ratio Lower Upper
77 100
123 1.8 48.6 72.8#
65 96.3 10.0 15.0#

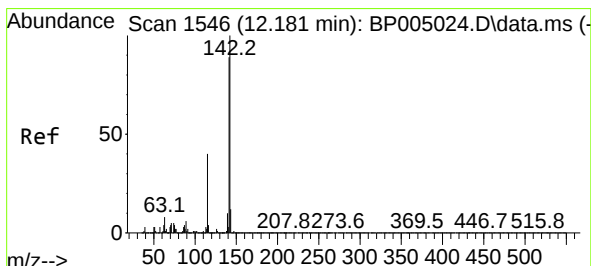
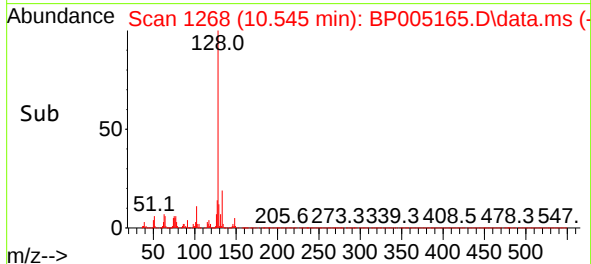
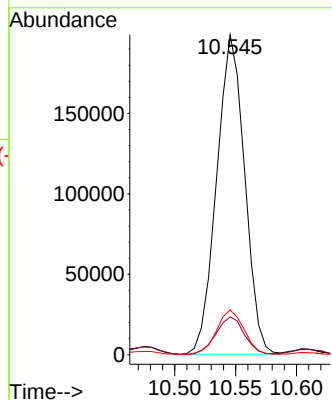
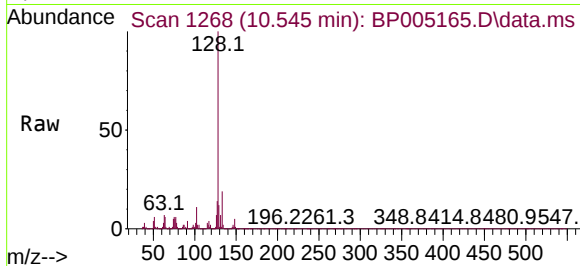




#31
Naphthalene
Concen: 45.75 ng
RT: 10.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

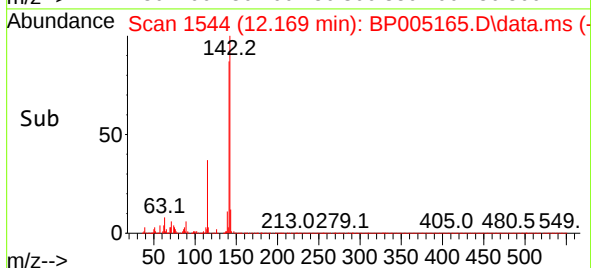
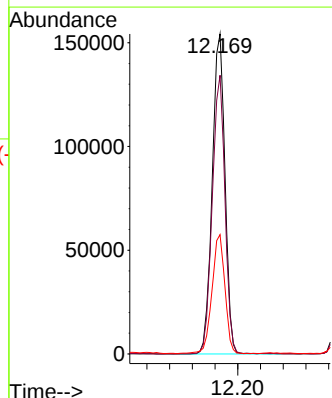
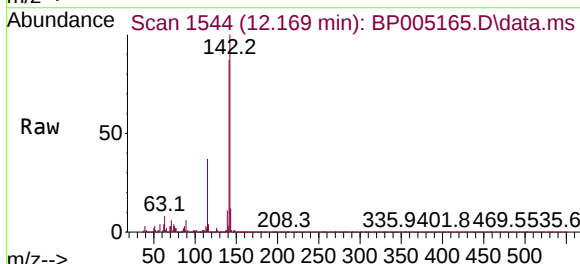
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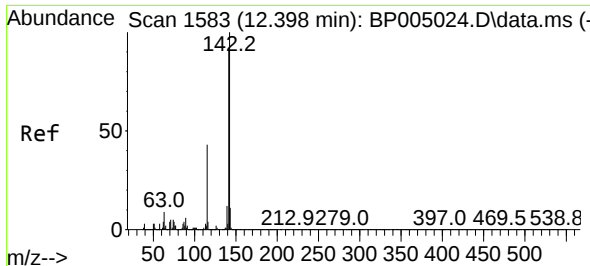
Tgt Ion:128	Resp: 317297
Ion Ratio	Lower Upper
128	100
129	11.8 8.8 13.2
127	14.0 10.6 15.8



#37
2-Methylnaphthalene
Concen: 47.67 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion:142	Resp: 238726
Ion Ratio	Lower Upper
142	100
141	87.1 71.4 107.2
115	37.3 25.8 38.6

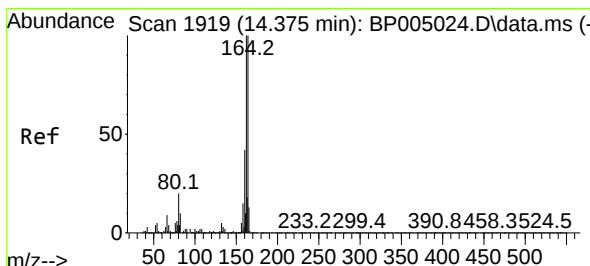
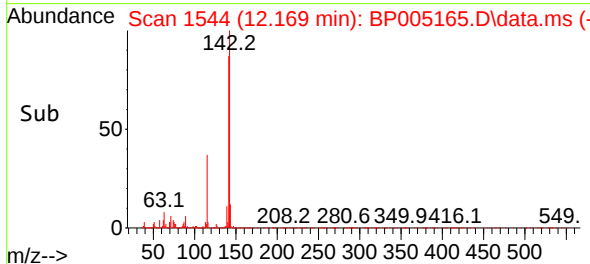
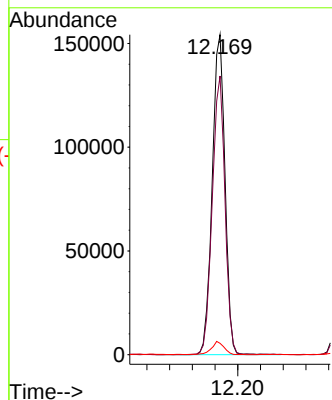
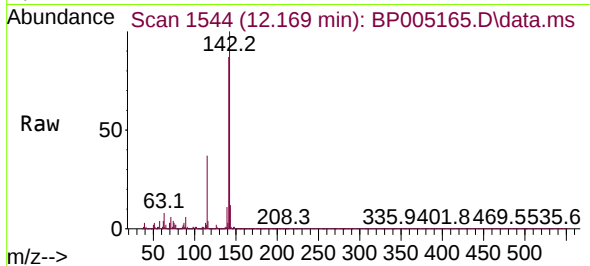




#38
1-Methylnaphthalene
Concen: 50.85 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.218 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

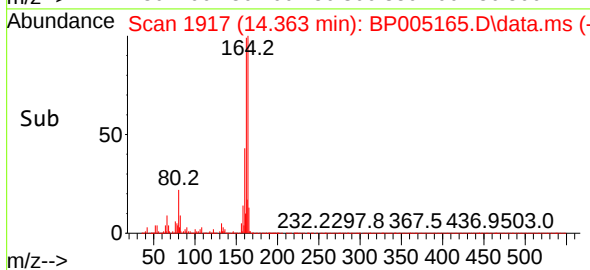
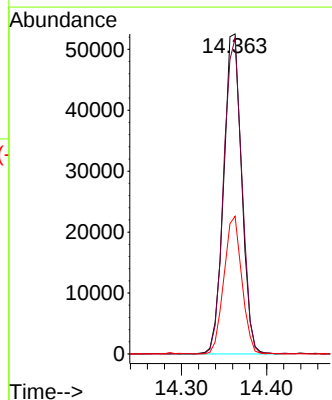
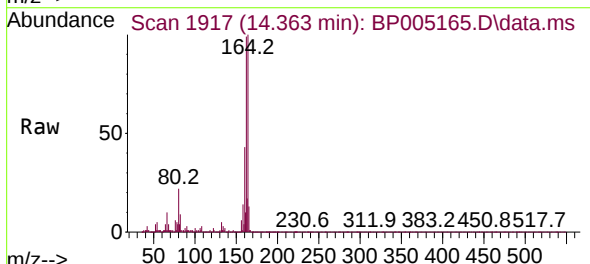
Instrument :
BNA_P
ClientSampled :
B5-8-10

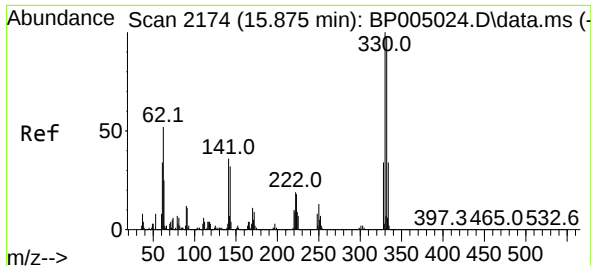
Tgt Ion:142 Resp: 238726
Ion Ratio Lower Upper
142 100
141 87.1 74.4 111.6
116 3.5 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion:164 Resp: 77158
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.2
160 43.1 36.1 54.1

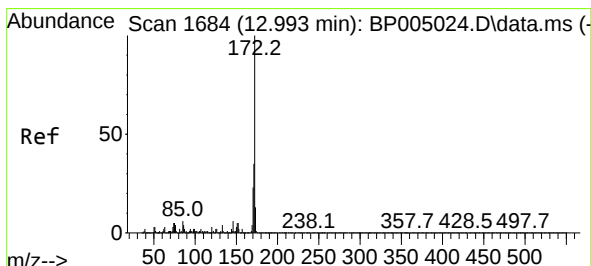
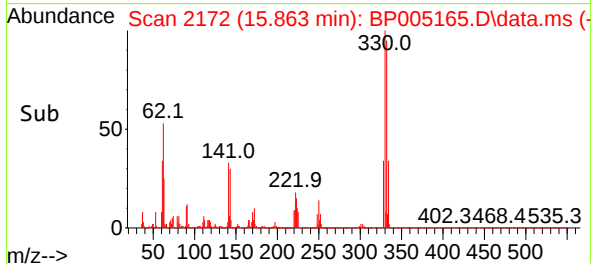
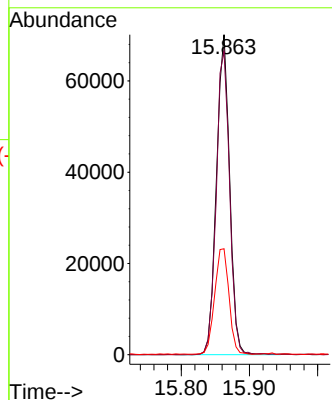
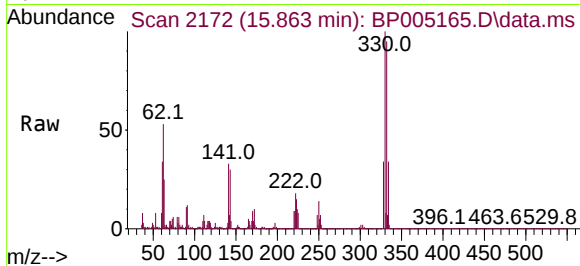




#42
2,4,6-Tribromophenol
Concen: 93.82 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

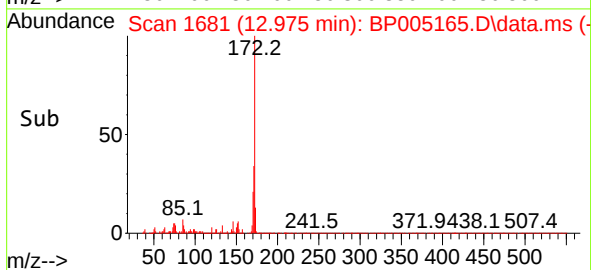
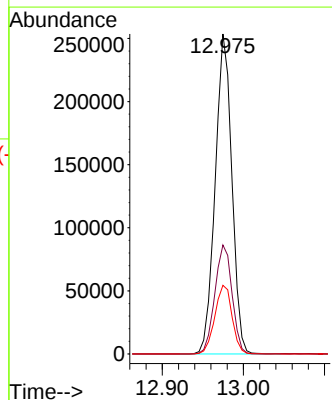
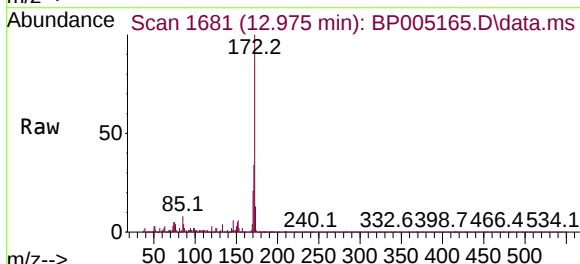
Instrument :
BNA_P
ClientSampleId :
B5-8-10

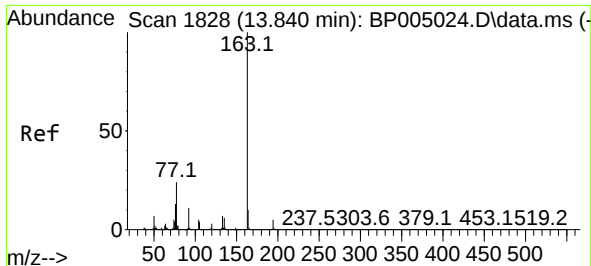
Tgt Ion: 330 Resp: 94320
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 35.9 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 63.36 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion: 172 Resp: 361405
Ion Ratio Lower Upper
172 100
171 34.1 28.5 42.7
170 21.5 19.2 28.8

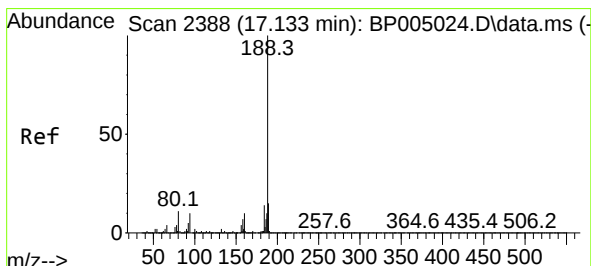
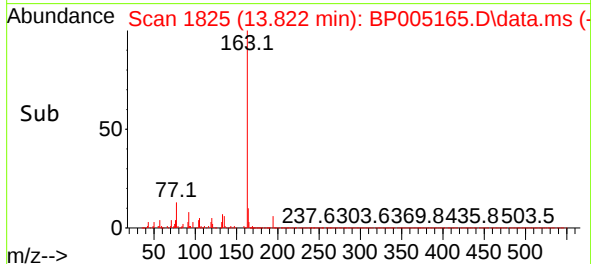
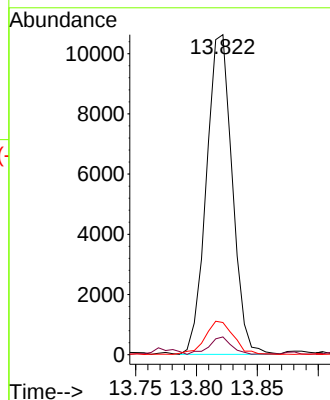
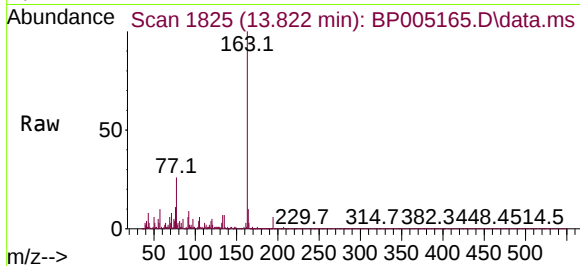




#50
Dimethylphthalate
Concen: 2.64 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

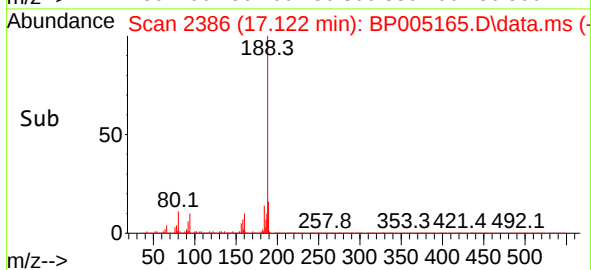
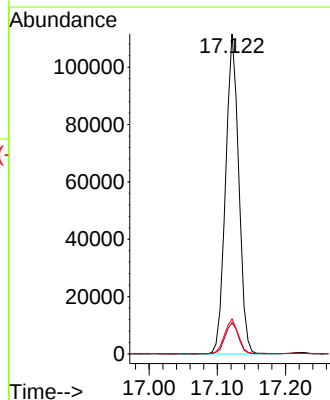
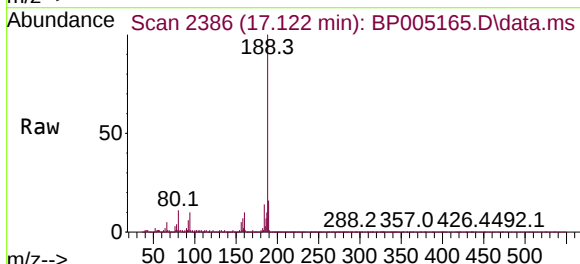
Instrument :
BNA_P
ClientSampleId :
B5-8-10

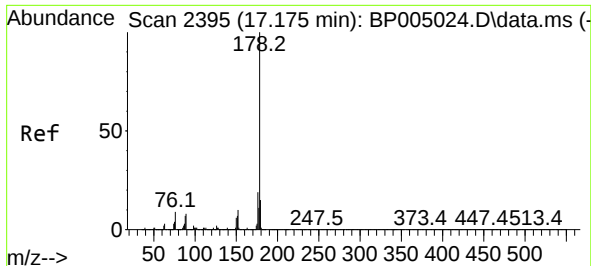
Tgt Ion:163 Resp: 15701
Ion Ratio Lower Upper
163 100
194 5.5 3.3 4.9#
164 10.0 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion:188 Resp: 150143
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.2#
80 10.9 6.2 9.2#

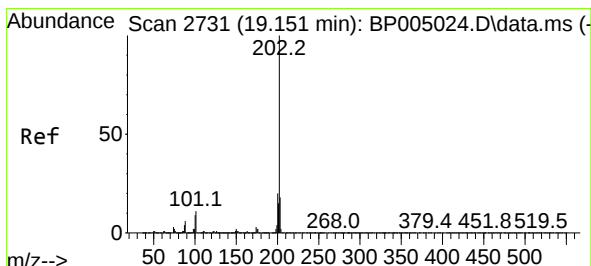
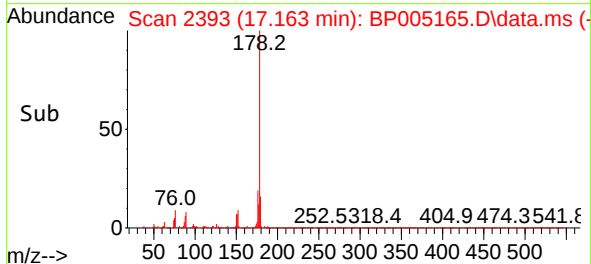
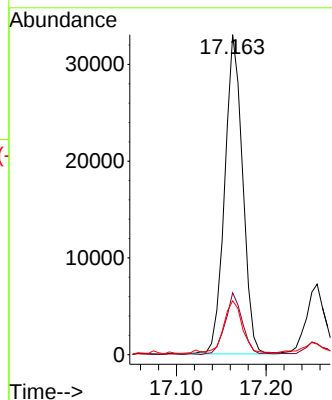
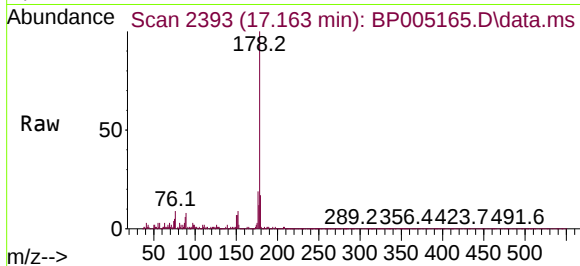




#71
Phenanthrene
Concen: 5.26 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

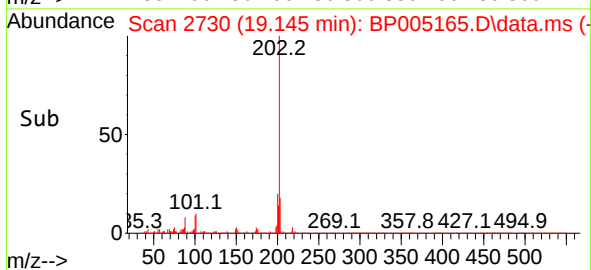
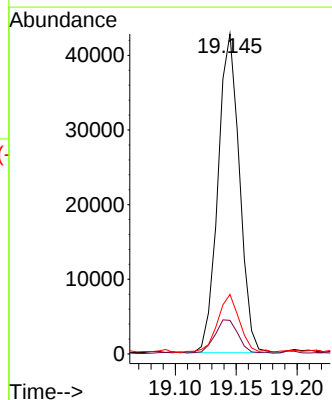
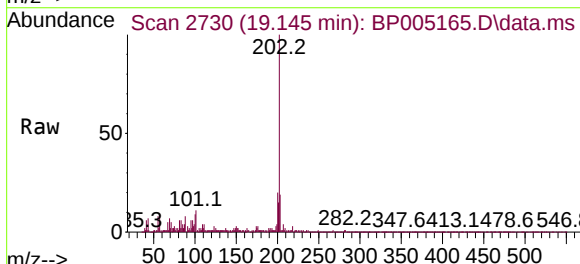
Instrument :
BNA_P
ClientSampleId :
B5-8-10

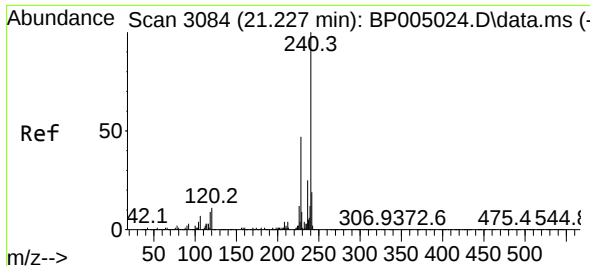
Tgt Ion:178 Resp: 45813
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.9 12.5 18.7



#75
Fluoranthene
Concen: 5.13 ng
RT: 19.145 min Scan# 2730
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion:202 Resp: 52576
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.4
203 18.6 0.0 37.8

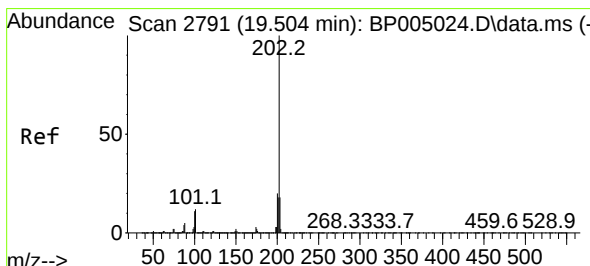
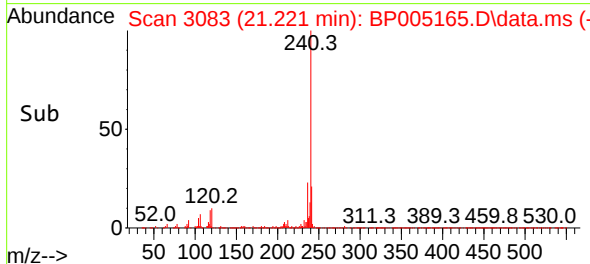
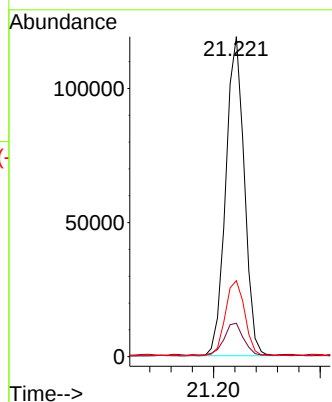
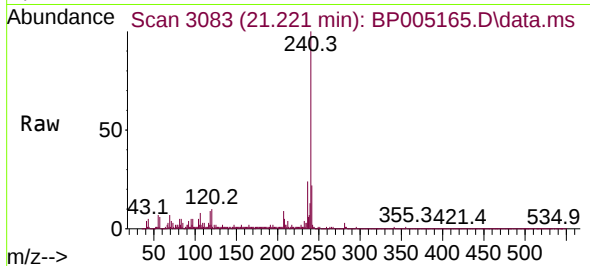




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

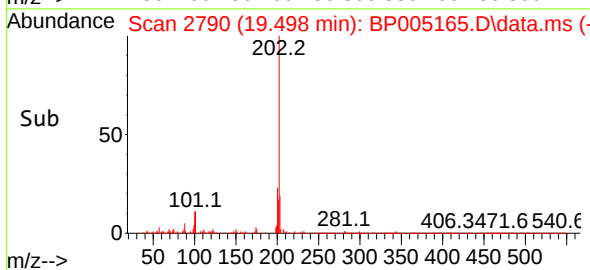
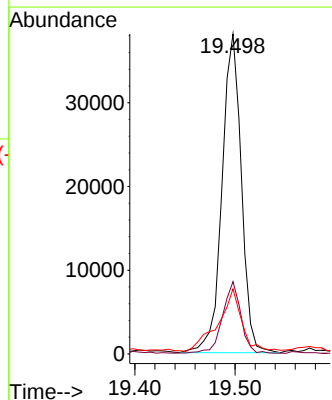
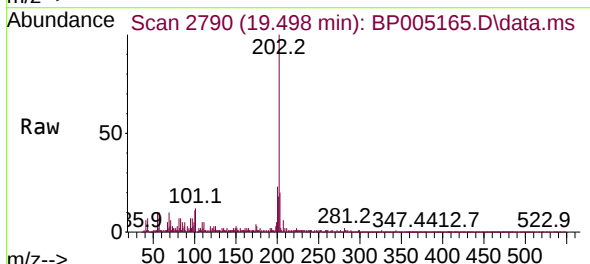
Instrument :
BNA_P
ClientSampleId :
B5-8-10

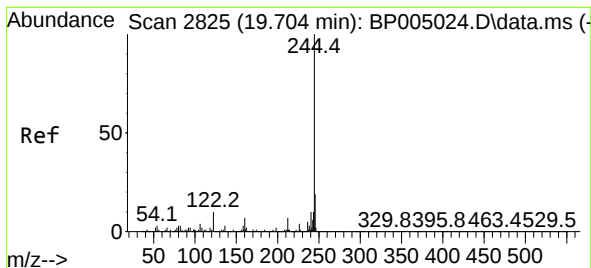
Tgt Ion:240 Resp: 143570
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 23.8 20.8 31.2



#78
Pyrene
Concen: 5.17 ng
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP005165.D
Acq: 02 Apr 2021 18:27

Tgt Ion:202 Resp: 50964
Ion Ratio Lower Upper
202 100
200 22.6 17.1 25.7
203 20.4 14.2 21.2





#79

Terphenyl-d14

Concen: 62.54 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP005165.D

Acq: 02 Apr 2021 18:27

Instrument :

BNA_P

ClientSampleId :

B5-8-10

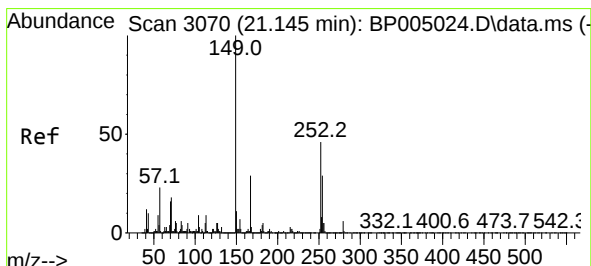
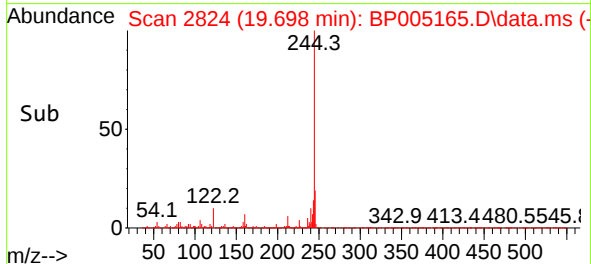
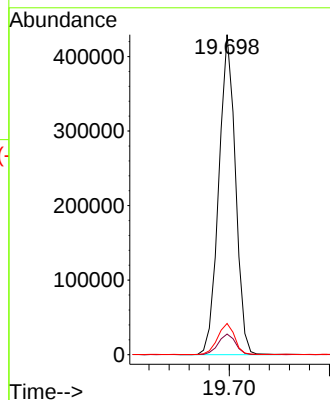
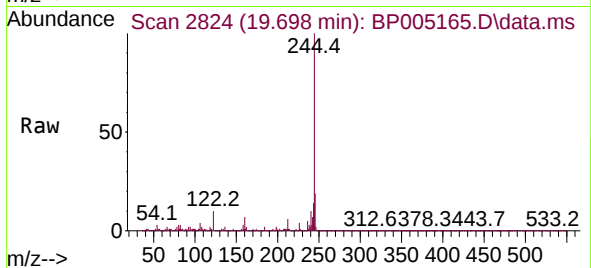
Tgt Ion:244 Resp: 493243

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 9.7 7.8 11.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.05 ng

RT: 21.133 min Scan# 3068

Delta R.T. -0.006 min

Lab File: BP005165.D

Acq: 02 Apr 2021 18:27

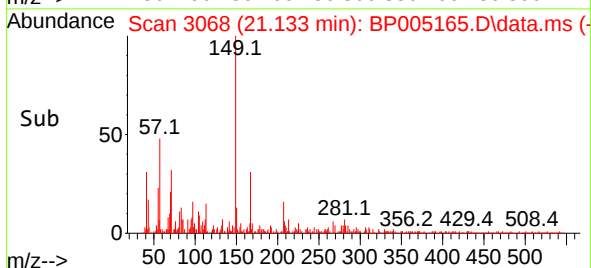
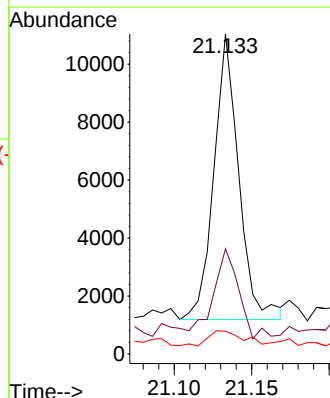
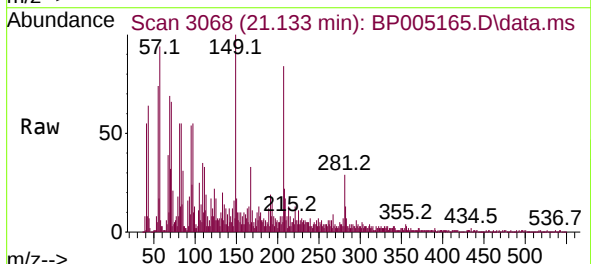
Tgt Ion:149 Resp: 10992

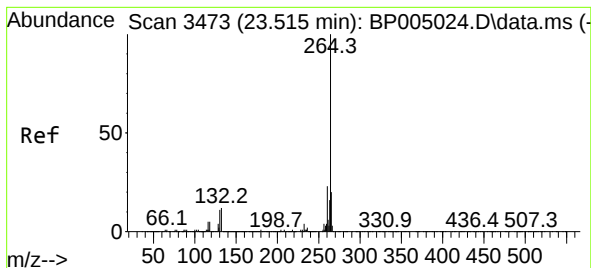
Ion Ratio Lower Upper

149 100

167 32.8 22.6 34.0

279 7.1 4.2 6.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.509 min Scan# 3472

Delta R.T. -0.000 min

Lab File: BP005165.D

Acq: 02 Apr 2021 18:27

Instrument :

BNA_P

ClientSampleId :

B5-8-10

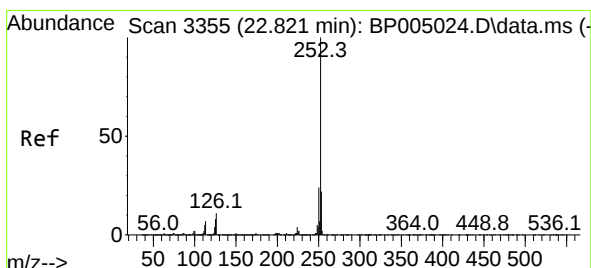
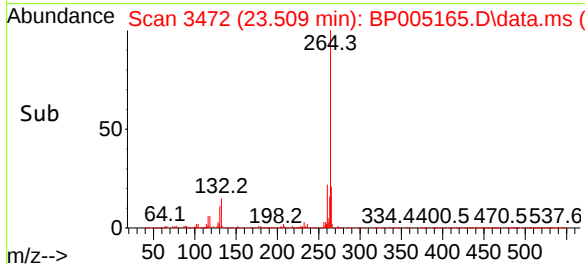
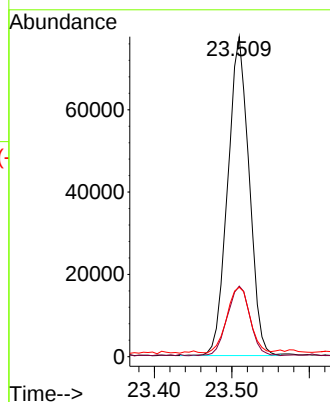
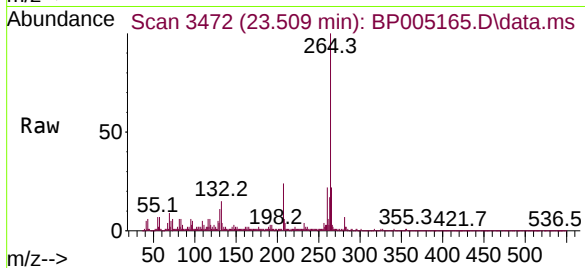
Tgt Ion:264 Resp: 148928

Ion Ratio Lower Upper

264 100

260 22.1 18.8 28.2

265 21.7 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.35 ng

RT: 22.815 min Scan# 3354

Delta R.T. -0.000 min

Lab File: BP005165.D

Acq: 02 Apr 2021 18:27

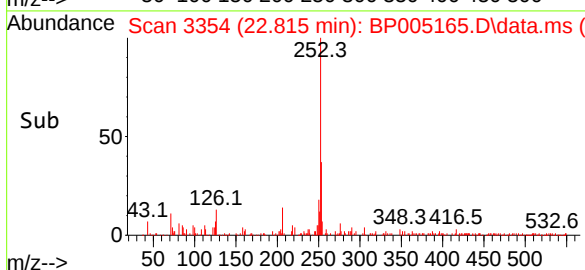
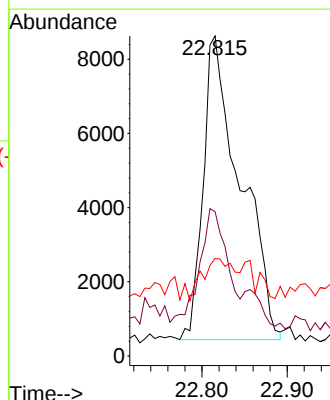
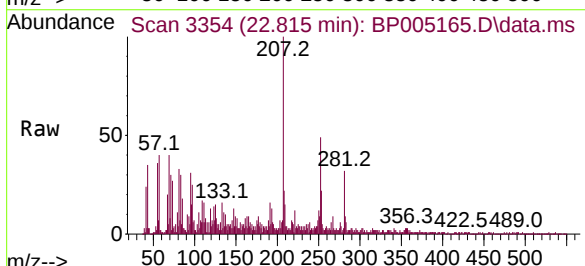
Tgt Ion:252 Resp: 24846

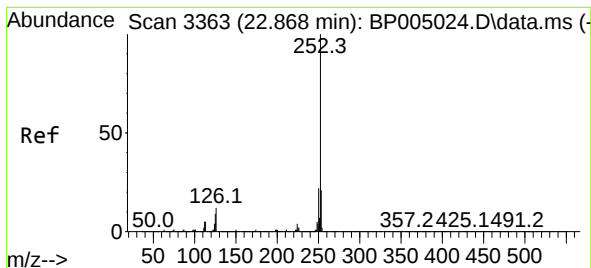
Ion Ratio Lower Upper

252 100

253 45.1 17.6 26.4#

125 30.5 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 2.45 ng

RT: 22.815 min Scan# 3354

Delta R.T. -0.047 min

Lab File: BP005165.D

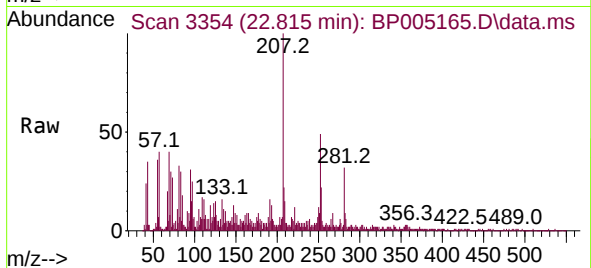
Acq: 02 Apr 2021 18:27

Instrument :

BNA_P

ClientSampleId :

B5-8-10



Tgt Ion:252 Resp: 24846

Ion Ratio Lower Upper

252 100

253 45.1 17.8 26.8#

125 30.5 7.4 11.2#

